

M. Brunson  
7/30/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

TADA et al.

Art Unit: Unknown

Application No.: Unknown

Examiner: Unknown

Filed: March 27, 2001

For: OPTICAL MODULATOR,  
METHOD FOR  
FABRICATING THE  
SAME, AND PHOTONIC  
SEMICONDUCTOR  
DEVICE

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Prior to the examination of the above-identified patent application, please enter the following amendments and consider the following remarks.

IN THE SPECIFICATION:

Replace the paragraph beginning at page 4, line 4 with:

However, optical modulators designed to execute modulation at speeds as high as 40 Gbps or more are required to have an element capacitance of 0.1 pf or less. In the conventional optical modulator structure, the element capacitance is reduced using a thicker polyimide layer 214. This has posed a problem: the polyimide layer 214 is difficult to form.

IN THE CLAIMS:

Replace the indicated claims with:

1. (Amended) An optical modulator comprising:

*de  
SWS  
D1*